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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Tooru Arai  
FOR : **TORQUE MEASURING DEVICE FOR  
ROTATING BODY**  
SERIAL NO. : 10/727,771  
FILED : December 4, 2003  
CONFIRMATION NO. : 7083  
ATTORNEY DOCKET NO. : **SZIZ 2 00027**

Cleveland, Ohio  
June 26, 2004

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicant(s) submit(s) the following Disclosure Statement concerning art of which the applicant(s) is (are) aware. A copy of PTO-1449 is enclosed herewith.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

In accordance with the United States Patent and Trademark Office OG Notice dated 05 August 2003, waiving the requirement under 37 C.F.R. §1.98(a)(2)(i), for submitting a copy of each cited U.S. patent and U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003, Applicant(s) has not enclosed copies of the cited U.S. patents and applications with this Disclosure.

In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Under § 1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the enclosed require(s) no further explanation (or no translation is available). All of the cited and/or included references were cited by the European Patent Office in a related application(s). A copy of the European Search Report is enclosed herewith.

Consideration of the appropriate paragraph(s) indicated below is respectfully requested:

☐ **WITHIN THREE MONTHS OF FILING:** Under § 1.97(b)(1), this Information Disclosure Statement is being filed within three months of the filing date of the application. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☒ **BEFORE FIRST OFFICE ACTION:** Under § 1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **INTERNATIONAL SEARCH REPORT:** Under § 1.97(e)(1), the undersigned certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **BEFORE FINAL ACTION/WITH FEE:** Under § 1.97(c)(2), this information shall be considered if filed before the mailing date of a final action if accompanied by a fee in the amount of \$180.00 as required by §1.17(p). Accordingly, the necessary fee accompanies this Information Disclosure Statement. Any overpayment or deficiency can be charged to Deposit Account No. 06-0308.

☐ **PRIORITY CLAIM:** The attached PTO 1449 Form includes all patents, publications, or other information previously cited by or submitted to the Office in one or more prior applications from which the present application claims priority. These one or more prior applications are identified in the papers accompanying the filing of

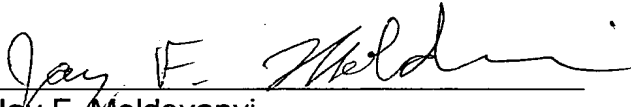
this application. In accordance with § 609 MPEP, only copies of art not previously submitted are enclosed.

It is respectfully requested that the attached document(s) be considered and officially cited in examination of this application.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP

July 26, 2004  
Date


  
Jay F. Moldovanyi  
Reg. No. 29,678  
1100 Superior Avenue  
Seventh Floor  
Cleveland, OH 44114-2518  
216/861-5582

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CERTIFICATE OF MAILING

I certify that this Information Disclosure Statement and accompanying document(s) are being  
☒ deposited with the United States Postal Service as First Class mail under 37 C.F.R. 1.8, addressed to: Mail  
Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date  
indicated below.

Date
July 26, 2004

Signature 
Printed Name Kathleen A. Nimrichter

Subst. Form PTO-1449

Atty. Docket No.:

Serial No.: 10/727,771

APPLICANTS' INFORMATION  
DISCLOSURE STATEMENT

SZIZ 2 00027

Applicant(s): Tooru Arai

Filing Date: December 4, 2003

Group: 2877

## U.S. PATENT DOCUMENTS

Initial*		Document No.	Date	Name	Class	Subcl.	Filing Date
	AA	5,907,106	5/25/1999	Segar			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subcl.	Translation?
	AM	1,170,577	01/09/2002	Europe			English Text
	AN	1,130,373	09/05/2001	Europe			English Text
	AO	WO 99 05493	02/04/1999	WIPO			English Text
	AP						
	AQ						
	AR						
	AS						

## OTHER ART

	AT	Patent Abstracts of Japan, Vol. 1995, No. 01, 28 February 1995 & JP 06 301881 A (Kyowa Electron Instr Co Ltd) 28 October 1994
	AU	Patent Abstracts of Japan, Vol. 2002, No. 03, 3 April 2002 & JP 2001 330525 (Minebea Co Ltd) 30 November 2001

Examiner:

Date Considered:

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.